AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 5, line 8, as follows:

In the first embodiment, an application program is implemented on a general purpose computer system such as that illustrated in Figure 1 and described in greater detail below. A large part of the data used by the application program of the first embodiment, together with other computer programs operating to process (or pre-process) that data is stored on other computer devices, especially computer servers and databases connected to the general computer system of Figure 1 via a computer network as is explained in greater detail below. As with the general computer system of Figure 1, such devices are well known in the art and are in essence very similar to the computer system illustrated in Figure 1 with different emphases ~~(eg~~ (e.g., a computer server is unlikely to contain a graphics card or a sound card but is likely to contain multiple Central Processor Unit (CPU) processors, etc.). Figure 3 is a schematic illustration of the principal components of the network employed in the present embodiment.

Please amend the paragraph beginning at page 14, line 19, as follows:

4. In the present embodiment, for all attributes which are successfully matched to one another with corresponding types and where the mapping will not cause any inconsistency problems, the attributes are automatically mapped to one another (although in an alternative embodiment they might be marked as tentative mappings with user confirmation ~~required eg~~ required - e.g., by right clicking and then selecting a "confirm" menu item--to make the mappings firm). Any other attributes are marked as requiring user attention by not connecting any mapping lines to them and colouring them, in the present embodiment, red.

Please amend the paragraph beginning at page 22, line 21, as follows:

When considering the attributes "price" and "Cost" of the concept **Product** and table

Products respectively, the tool finds a context-based mapping rule which indicates that these

two terms should be linked to one another (e.g. because pluralisations as well as case are

ignored). However, when the tool checks the types of these attributes it determines that their

types are different ("price" is type **Price** whereas "Cost" is type number); it checks to see if there

is a conversion available from number to **Price** and determines that there is not one. It therefore

attempts to determine if the mapping is consistent with earlier mappings. Since neither "price"

nor "Cost" has yet been mapped to anything else and since "Cost" is not linked to any other

tables or attributes in Database 1, there is no inconsistency and the consistency is therefore

deemed to be neutral and the attributes and connecting line are marked as ~~gree~~ green to indicate

that the user needs to specify how to convert from one to the other. In the present example, the

user does this by expanding the attribute "price" to show the three sub-attributes "price.amount",

"price.currency" and "price.scalefactor" (which are determined by examining the stand alone

concept **Price**) and then mapping the sub-attribute "price.amount" to the "Cost" attribute and

assigning the sub-attribute "price.currency" to the fixed individual **UK Sterling** which is stored

in Ontology 1 as an individual of the concept **Currency** with attributes **UK Sterling**.name =

"UK Sterling", UK Sterling.symbol="£" and **UK Sterling**.3-ltr code = "GBP".